# A780LB 6.2

- Socket AM2+
- Supports AMD Phenom II Series/ Athlon II Processors
- Hyper Transport Technology up to 2G
- Supports AMD Cool'n'Quiet Technology
- Supports BIO-Remote 2 Technology
- Supports Charger Booster Technology

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| Chipset | • AMD 760G / SB710 |
| CPU SUPPORT | • AMD Phenom™ II X4 Processor<br>• AMD Phenom™ II X3 Processor<br>• AMD Phenom™ II X2 Processor<br>• AMD Athlon™ II X4 Processor<br>• AMD Athlon™ II X2 Processor<br>• AMD Sempron™ Processor<br>• Maximum CPU TDP (Thermal Design Power) : 95Watt |
| HT | • Support HT 2G |
| MEMORY | • Support Dual Channel DDR2 533/667/800/1066 MHz<br>• 2 x DDR2 DIMM Memory Slot<br>• Max. Supports up to 8GB Memory |
| EXPANSION SLOT | • 1 x PCI-E x16 Slot |



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| | • 2 x PCI Slot |
| STORAGE | • 4 x SATA2 Connector<br>• 1 x IDE Connector<br>• Support SATA RAID: 0,1,10 |
| USB | • 4 x USB 2.0 Port<br>• 2 x USB 2.0 Header |
| LAN | • Realtek RTL8103EL - 10/100 Controller |
| INTEGRATED VIDEO | • ATI Radeon™ HD3000 Graphics, On Board Graphic Max. Memory Share Up to 512 MB |
| CODEC | • Realtek ALC662 6-Channel HD Audio |
| REAR I/O | • 1 x PS/2 Mouse<br>• 1 x PS/2 Keyboard<br>• 4 x USB 2.0 Port<br>• 1 x VGA Port<br>• 1 x RJ-45 Port<br>• 3 x Audio Connector |
| INTERNAL I/O | • 1 x Printer Header<br>• 2 x USB Header<br>• 4 x SATA2 3Gb/s Connector<br>• 1 x IDE Connector<br>• 1 x Floppy Connector<br>• 1 x Front Audio Header |



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| | • 1 x Front Panel Header<br>• 1 x S/PDIF-OUT Header<br>• 1 x CPU FAN Header<br>• 1 x System FAN Header |
| H/W Monitoring | • CPU / System Temperature Monitoring<br>• CPU / System Fan Monitoring<br>• Smart / Manual CPU Fan Control<br>• System Voltage Monitoring |
| DIMENSION | • Micro ATX Form Factor Dimension: 23.5cm X 18.2cm ( W x L ) |
| OS SUPPORT | • Support Windows XP / Vista / 7 |
| ACCESSORIES | • 2 x SATA Cable<br>• 1 x I/O Shield<br>• 1 x CD Driver<br>• 1 x Quick Guide |
| FEATURES | • Windows 7 Compatible<br>• Supports Solid capacitor<br>• Supports BIOS-Flasher |

## CPU-Chipset Features



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| **AMD 760G+SB710**<br><br>Powered by ATI Radeon™ Graphics, DirectX® 10 introduces detail-rich images and dynamic interactivity designed for playing the latest DirectX® 10 games. AMD® 760G Chipset is designed with up to 5200MT/s HyperTransport™ 3.0 (HT3.0) interface and PCI ExpressTM 2.0 x 16 graphics. It has enhanced AMD's latest AM3/AM2+ and multi-core CPUs to experience life-like images and dynamic interactivity when playing the latest games or editing digital photos and videos. | |
| **Socket AM2+ Phenom processors Support**<br><br>Supporting AMD® Socket AM2+ Quad /Triple Core processors, it delivers better overclocking capabilities with low power consumption. Phenom processor features dual-channel DDR2 1066 memory support and accelerates data transfer rate by up to 5200MT/s via HyperTransport™ 3.0 system bus. | |

## Audio+

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| **HD Audio**<br><br>Provides high quality sound with minimal loss of audio fidelity. | |

## Speed+



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| **SmartSpeedLAN**<br><br>SmartSpeedLAN is a free software application which monitors and manages your PC's network behavior. With user-friendly GUI, it allows you to select and prioritize different types of network traffic, including gaming, media streaming, communications or web surfing.You can also set any specific applications, choosing to prioritize or block accordingly. SmartSpeedLAN can feature automatic management options that use adaptive networking intelligence to ensure that you are getting the best online experience possible. | |
| **Charger Booster**<br><br>Charger booster is the best and efficient charger solution for apple devices such as iPad, iPhone. Basically, Charger booster Technology is able to boost the charging time to be more efficiency and faster once any apple goods connecting to our Motherboard. With charger booster technology, you are able to charge your apple devices up to 42 % faster. | |
| **PCI Express 2.0 Support**<br><br>PCI Express 2.0 bus architecture offers a future-proofing bridge to tomorrow's most bandwidth-driven games and 3D applications by maximizing 5 GT/s of bandwidth. PCI Express 2.0 motherboards are fully backwards compatible with existing PCI Express products for broad support of PC peripherals. | |

## Durable+

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| **Moistureproof PCB**<br><br>With the popularity of PC usage and working environment has getting deteriorating and moist(such as rural, coastal). The PCB will be oxidizing easily by damp or absorbed moisture. And then ionic migration or CAF(Conductive Anodic Filament) will be generated. Moisture-proof | |



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| PCB meets high density and high reliability requirements for moisture proofing. | |
| **X.D.C (eXtreme Durable Capacitors)**<br><br>Biostar adopts low ESR and high ripple conductive solid state caps that provide sufficient, stable power supply to the CPU. The life span can also be more than 6.25 x of ordinary liquid caps. | |

## Protection+

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| **ESD Protection**<br><br>ESD (Electrostatic Discharge) is the major factor to destroy PC by electrical overstress(EOS) condition, ESD occurred by PC users when touch any devices connect to PC, which may result in damage to motherboard or parts .ESD protection is designed to protect the motherboard and equipment from damage by EOS | |
| **BullGuard Internet Security (90 days FREE trial)**<br><br>BullGuard Internet Security comes with the broadest line-up of internet security features on the market, including: a cutting-edge dual Antivirus engine, Online Backup for your precious files, PC Tune Up to speed up your system, a Game Mode for a seamless gaming experience, Parental Control, Firewall, Safe Browsing and many more. Make the most of your digital life with Bullguard! | |

## DIY+



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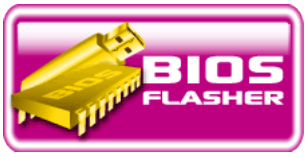
| **BIO-Remote 2**<br><br>BIO-Remote2 Technology is featuring users a better Home Theater environment. Users who own either Android mobile or Apple goods are able to access and control your PC remotely; At this moment, you're smart device became a intelligent and functional remote controller; more than that, BIO-Remote2 also includes both function of mouse pad and power point presentation mode. | |
| **Exclusive offer!**<br><br>As an Biostar customer you can download MAGIX multimedia tools designed to enhance your music, videos and photos for free. From music and website creation to video editing and photo management. Four products that cover all of your multimedia needs. Simply do more with your media than you ever thought possible. | |
| **What is simplicheck ?**<br><br>simplicheck is a small, intelligent tool by simplitec GmbH that scans your PC for optimal performance. Is poor configuration slowing your PC down? Are there errors that reduce system stability? Is your privacy protected? simplicheck is based on well-proven scanning technology that has proven successful in everyday customer use. simplitec GmbH benefits from 18 year of experience system software development. | |
| **BIO-Flasher**<br><br>Update BIOS effortlessly from a USB flash disk before entering the OS. BIO-Flasher is a convenient BIOS update tool. Just launch this tool and put the BIOS on USB pen driver before entering the OS. You can update your BIOS with only a few clicks without preparing an additional floppy disk or other complicated flash utility. |  |



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| **eHot-Line Utiltiy**<br><br>Integrated e-service automatically sends your technical support request to Biostar Globe tech support without any delay. | |
| **BIOScreen Utility**<br><br>Personalize your desktop with customizable boot logo. BIOScreen is the new feature that lets you personalize and create your own style with unique, custom-made boot logo. | |



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